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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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TAKAYUKI SUZUKI	07/01/2015
MASAMI KURODA	07/01/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14763135

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 104072.00015 **NAME OF SUBMITTER:** MARK LUPKOWSKI SIGNATURE: /Mark Lupkowski/ **DATE SIGNED:** 07/31/2015

Total Attachments: 2

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> **PATENT** REEL: 036230 FRAME: 0980 503418730

ASSIGNMENT

(1-4)	Insert Name(s) of Inventor(s)	(1)	Jun MATSUDA	(3)	Masami KURODA
		(2)	Takayuki SUZUKI		
	ood and valuable consideration, rece n, hereby do(es) assign, transfer and			edged, the	undersigned agree(s) to
(5)	Insert Name of Assignee	(5)	ORIGIN ELECTRIC CO	OMPANY, L	IMITED
(6)	Insert Country of Assignee	(6)	existing under the laws	of: Japan	
(7)	Insert Address of Assignee	(7)	worldwide right, title, in patents for every count	ignated as t terest, and ry, including ther extensi	the Assignee) the entire patent applications and g divisions, reissues, ons, rights and priorities
(9)	Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	(9)	HEAT-BONDING APP MANUFACTURING HI (Case No. 104072.00) which the undersigned for patent in the United	EAT-BOND 015 Serial has (have)	No) for executed an application
(10)	Insert Date of Signing of Application	(10)	on		
1)	The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.				
2)	The undersigned agree(s) to execute all papers necessary in connection with any interference whic may be declared concerning this application or continuation or division thereof and to cooperate wit				

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the Assignee in every way possible in obtaining evidence and going forward with such interference.

- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute any agreement in conflict herewith.
- 6) The undersigned hereby grant(s)

The practitioners associated with the Customer Number

44955

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date	July 1, 2015	Name of Inventor Jun MATRUDA
		Jun MATSUDA
Date	July 1, 2015	Name of Inventor <u>Takayuki Syuki</u> Takayuki &UZUKI
	/	Takayuki &UZUKI
Date	July 1, 2015	Name of Inventor <u>Masami Ruroda</u>
	V	Masami KURODA